



8

7

6

5

4

3

2

1

GENERAL NOTES

1. THIS DRAWING WAS DEVELOPED AND CONVERTED TO AUTOCAD FORMAT FROM REFERENCE 1 AND INCORPORATES PERTINENT MODIFICATIONS FROM REFERENCES 2 THRU 19, UNDOCUMENTED CHANGES NOTED DURING 12/12/2005 SHIPCHECK AND CHANGES ACCOMPLISHED DURING 2006 DRYDOCKING.

BOOKLET INDEX

SHEET NO	TITLE
1	BOOKLET INDEX, GENL NOTES, REVISION BLOCK, REFS
2	GENERAL INFORMATION & DATA
3	COMPARTMENT DIRECTORY
4	OUTBOARD PROFILE
5	INBOARD PROFILE
6	PILOTHOUSE TOP, BRIDGE DECK
7	UPPER DECK, FORECASTLE DECK
8	MAIN DECK
9	LOWER DECK
10	FLAT LEVELS, HOLD PLAN
11	DOCKING PLAN GENL NOTES, L/M, OFFSET TABLES, CRITICAL DIMS, PROP TIP CLEARANCE TABLE
12	DOCKING PLAN OFFSET TABLES, LIST OF DRAIN PLUGS, TABLE OF DISPLACEMENT
13	DOCKING PLAN LIST OF OPENINGS IN SHELL BELOW DWL, BEARING ON BLOCKS TABLE
14	DOCKING PLAN VIEW, DOCKING PLUG DETAIL, BEVELED BLOCK DETAILS
15	DOCKING PLAN OUTBOARD PROFILE, TYPICAL SECTIONS

REVISIONS

REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD
A	4 6	27-C 44-D	1	REVISED VIEW TO INCORPORATE MODS ACCOMPLISHED IN ACCORDANCE WITH NOAA SPECIFICATION EA133M-08-CN-0044, ITEMS 301 & 302.	04/08	RWF
B	4 6 4 7 7	31-C 44-D 27-C 56-B 56-B	1 2 3	RELOCATED VSAT RADAR LOCATION, INCLUDED NEW RADAR FOUNDATION. INCORPORATED NEW FLEET 77 FOUNDATION IN OLD VSAT RADAR LOCATION. RELOCATED REEL TO MAKE ROOM FOR NEW VSAT RADAR FOUNDATION.	07/10	NAG
C	SHT 1,2 3,4,6,7 8,9&10	ALL	1	DWG REVISED TO SHOW NEW SHIPS CONFIGURATION AND CORRECTED TO SUIT AS-BUILT CONDITIONS.	05/12	NSL
D	SHT 13 SHT 14	100-B 108-C	1	ADDED DYNAMIC DRAFT BUBBLE GAGE THRU HULL PENETRATION	02/14	
E	SHT 2 SHT 2 SHT 3 SHT 4 SHT 5 SHT 10 SHT 11 SHT 12 SHT 13 SHT 14 SHT 15 SHT 14 SHT 15 SHT 14	13-C 11-C ALL 28-B 37-B ALL 82-B 92-C 99-C 108-C 116-B 108-C 116-B 106-A	1 2 3 4 5 6 7 8	UPDATED TANK CAPACITIES. ADDED CONTROLLER TO LIST. UPDATED COMPARTMENT DIRECTORY. UPDATED INBD, OUTBD PROFILES, FLAT AND HOLD PLAN VIEWS. UPDATED DOCKING PLAN GENERAL NOTES. UPDATED DRAIN PLUG LIST, SHELL OPENINGS LIST, DOCKING PLAN & ELEVATION VIEWS. ADJUSTED KEEL BLOCKS FOR DOCKING PLAN. ADDED GONDOLA LAYOUT VIEW.	09/16	

(REVISIONS CONTINUED ON SHEET 3)

REFERENCES

NO	TITLE	DRAWING NO
1	BOOKLET OF GENERAL PLANS (OBSOLETE)	TJ-085-6634626
2	GENERAL ARR HOLD PLAN, FLATS AND LOWER DECK	TJ-085-6634610
3	TANK CAPACITY AND DEADWEIGHT SCALE PLAN	TJ-085-6980295
4	TANK CAPACITY AND DEADWEIGHT SCALE PLAN	TJ-085-6634644
5	GENERAL ARR: BRIDGE DECK AND PILOT HOUSE	TJ-085-6634631
6	GENERAL ARR: MAIN DECK, FCSLE DECK AND UPPER DECK	TJ-085-6634611
7	INBOARD PROFILE	TJ-085-6634609
8	OUTBOARD PROFILE, TOP AND END VIEWS	TJ-085-6634608
9	SAFETY PLAN	TJ-085-6634614
10	AFT MAIN AND 01 DECK MODS, NEW LADDER INSTALLATION	TJ-131-001
11	AFT MAIN AND 01 DECK MODS, GENERAL ARR	TJ-152-001
12	AFT MN & 01 DK MODS, 01 DK EXT STR & GRTG REPL	TJ-152-002
13	STEERING GEAR ROOM SCUTTLE ARRANGEMENTS	TJ-167-003
14	MAIN MAST ARRANGEMENT AND DETAILS	TJ-171-002
15	ANTENNA ARRANGEMENT	TJ-171-003
16	GENERIC WINCH STRL MODS AND DETAILS	TJ-180-001
17	MVP FOUNDATION INSTALLATION FOUNDATION DETAILS	TJ-180-002
18	POTABLE WATER TANKS, PORT AND STARBOARD SIDE	TJ-533-002
19	AFT MN & 01 DK MODS, NEW TRANSOM MOORING CHOCK INSTL	TJ-582-002
20	DOCKING PLAN	TJ-801-6634613
21	UNDERHULL SENSOR LOCATIONS	TJ-461-001

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF NOAA CORPS OPERATIONS

ART ANDERSON
ASSOCIATES
202 PACIFIC AVE. BIRMINGHAM, AL 35203-1932
(360) 479-5600 FAX:(360) 479-5605

CONTRACT NO.
AB133M-05-CQ-1044

TAR NO.
AAA-005

DSGN
M. CAMPBELL
1/12/06

DWN
M. CAMPBELL
1/12/06

CHK
V. PARKER
1/13/06

CHK
J. CARLSON
1/19/06

NOAA APPROVAL

NOAA
THOMAS JEFFERSON

BOOKLET
OF
GENERAL PLANS

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: NONE		CAD FILENAME TJ-085-002	SHT 1 OF 15

8

7

6

5

4

3

2

1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

SH

REV STATUS

E

E

E

E

E

E

C

C

C

C

E

E

E

E

E

REV

OF SHEETS

COMPARTMENT DIRECTORY

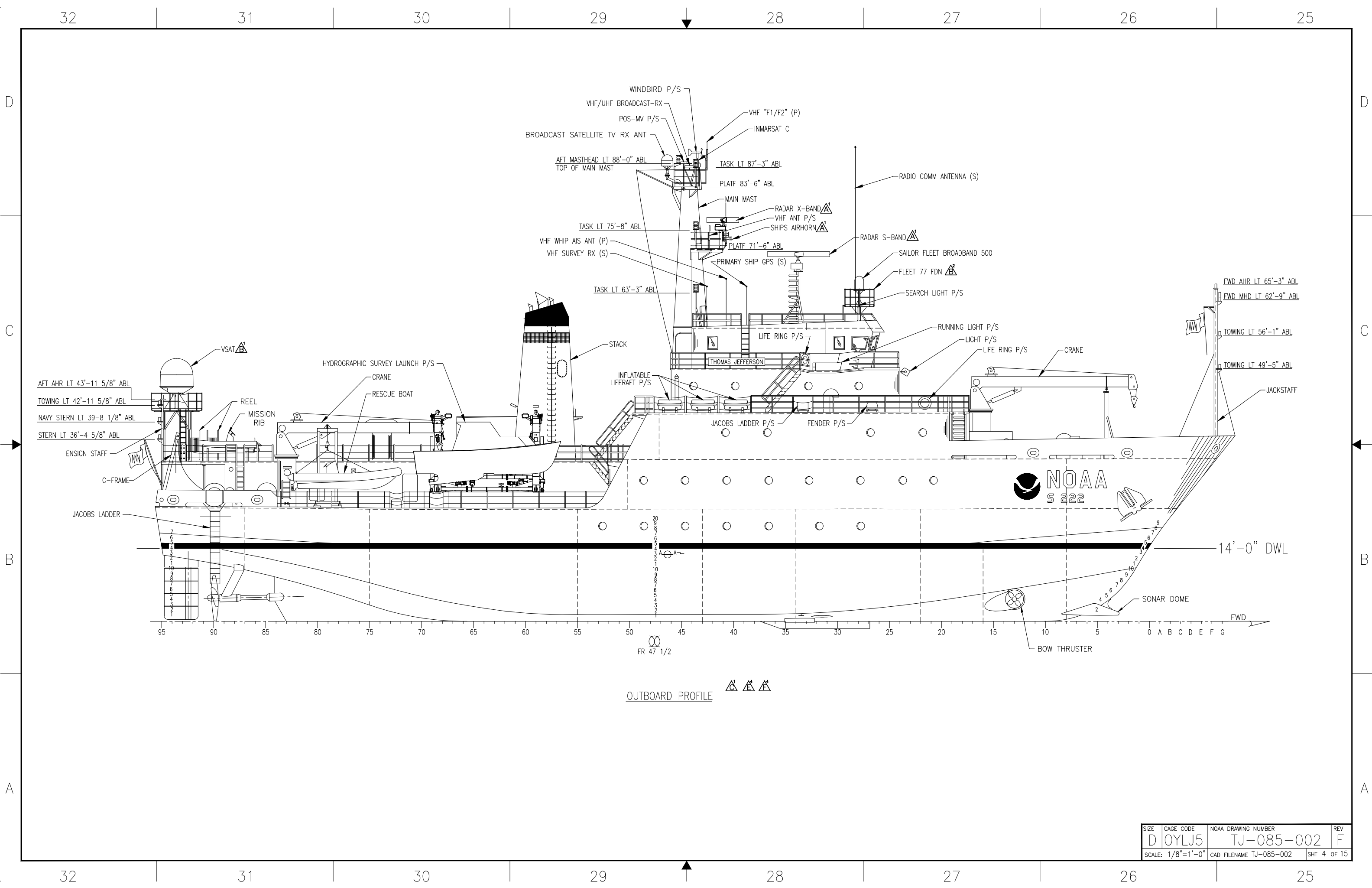
COMPARTMENT DESIGNATION	NO	DECK	FRAME
AFT RADIO ROOM	03-39-2	BRIDGE	39-44 P
AUXILIARY ENGINE LUBE OIL TANK	3-75-2	FLAT	75-77 P
BALLAST TANK	4-8-1	HOLD	8-16 S
BALLAST TANK	4-8-2	HOLD	8-16 P
BALLAST TANK	4-22-0	HOLD	22-28 CL
BALLAST TANK	4-22-1	HOLD	22-30 S
BALLAST TANK	4-22-2	HOLD	22-30 P
BALLAST TANK	4-43-1	HOLD	43-55 S
BALLAST TANK	4-43-2	HOLD	43-55 P
BALLAST TANK	4-59-0	HOLD	59-65 CL
BALLAST/EFFLUENT HOLDING TANK	4-75-0	HOLD	75-87 CL
BILGE HOLDING TANK	4-57-1	HOLD	57-59 S
BOATSWAIN STORAGE	1-0-0	MAIN	C-8 CL
BOW THRUSTER THRUNK	4-12-0	HOLD	12-14 CL
CAPTAIN'S OFFICE	02-24-1	UPPER	24-37 S
CAPTAIN'S STATEROOM	02-37-3	UPPER	37-46 S
CHAIN LOCKER	2-6-0	LOWER	6-8 CL
CHART ROOM	03-36-0	BRIDGE	36-44 CL
CHIEF ENGINEER'S OFFICE	01-19-1	FCSLE	19-25 S
CHIEF ENGINEER'S STATEROOM	01-25-1	FCSLE	25-30 S
CHIEF STEWARDS OFFICE	1-25-4	MAIN	25-28 P
CHILLED STORES	2-14-2	LOWER	14-18 P
CLEANING GEAR LOCKER	02-31-1	UPPER	31-33 S
CLEANING GEAR LOCKER	01-30-1	FCSLE	30-32 S
CLEANING GEAR LOCKER	1-8-2	MAIN	8-11 P
CLEANING GEAR LOCKER	2-35-1	LOWER	35 1/2-38 S
CLEANING GEAR LOCKER	2-44-1	LOWER	44 1/2-47 1/2 S
DAMAGE CONTROL LOCKER	1-55-2	MAIN	55 1/2-63 P
DECK GEAR LOCKER	01-43-3	FCSLE	43-47 S
DECK STORAGE LOCKER	01-43-5	FCSLE	43-47 S
DIESEL OIL SERVICE TANK	4-75-1	HOLD	75-81 S
DIESEL OIL SERVICE TANK	4-75-2	HOLD	75-81 P
DIESEL OIL STORAGE TANK	4-16-1	HOLD	16-22 S
DIESEL OIL STORAGE TANK	4-16-2	HOLD	16-22 P
DIESEL OIL STORAGE TANK	4-34-0	HOLD	34-43 CL
DIESEL OIL STORAGE TANK	4-34-1	HOLD	34-43 S
DIESEL OIL STORAGE TANK	4-34-2	HOLD	34-43 P
DIESEL OIL STORAGE TANK	4-55-3	HOLD	55-71 S
DIESEL OIL STORAGE TANK	4-55-4	HOLD	55-71 P
DIESEL OIL STORAGE TANK	4-75-3	HOLD	75-87 S
DIESEL OIL STORAGE TANK	4-75-4	HOLD	75-87 P
DIESEL OIL TANK	4-43-0	HOLD	43-55 CL
DIVE LOCKER	1-77-0	MAIN	77-83 CL
DRAIN HOLDING TANK	4-22-0	HOLD	22-30 CL
DRY STORES	1-25-2	MAIN	25-32 P
EMERGENCY DIESEL GENERATOR DAY TANK	01-87-2	MAIN	87-88 P
EMERGENCY GENERATOR ROOM	1-83-0	MAIN	83-89 CL
ENGINE ROOM	4-55-0	HOLD	55-75 CL
ENGINEER'S STORAGE	2-75-1	LOWER	75-87 S
EXERCISE ROOM	3-22-0	FLAT	22-30 CL
FAN ROOM	01-30-3	FCSLE	30-34 S
FAN ROOM	1-8-4	MAIN	8-16 P
FIRST ASST ENGINEER STATEROOM	01-29-2	FCSLE	29-35 P
FOREPEAK BALLAST	4-0-0	HOLD	0-8 CL
FREEZER STORES	2-18-2	LOWER	18-22 P
GALLEY	1-16-2	MAIN	16-25 P
GEAR LUBE OIL TANK	3-75-1	FLAT	75-77 S
GREY WATER TANK	4-22-0	HOLD	22-30 CL
GREY WATER TANK	4-28-0	HOLD	28-30 CL
GREY WATER TANK	4-34-0	HOLD	34-43 CL
GREY WATER TANK	4-43-0	HOLD	43-55 CL
GSM STORAGE	1-8-1	MAIN	8-16 S
GSM STORAGE	2-8-1	LOWER	8-22 S
HOSPITAL	1-42-1	MAIN	42-50 S
HYDRAULIC OIL TANK	3-75-3	FLAT	75-77 S
HPU ENCLOSURE	01-61-0	FCSLE	61-67 CL
LAUNCH LOCKER	1-69-2	MAIN	69 1/2-73 P
LAUNDRY	3-22-2	FLAT	22-30 P
LINEN LOCKER	01-43-1	FCSLE	43-47 S
LOCKER	02-31-1	UPPER	31-33 S
LOCKER	01-17-1	FCSLE	17-19 S
LOUNGE	1-30-1	MAIN	30-42 S
MACHINERY CONTROL STATION	2-63-1	LOWER	63-75 S
MAIN ENGINE LUBE OIL	3-75-4	FLAT	75-77 P
MESS DECK	1-16-1	MAIN	16-30 S
OPERATIONS OFFICER'S OFFICE	01-19-2	FCSLE	19-25 P
OPERATIONS OFFICER'S STATEROOM	01-23-2	FCSLE	23-29 P
PAINT LOCKER	1-88-2	MAIN	88-90 P
PASSAGEWAY	02-26-0	UPPER	26-46 CL
PASSAGEWAY	01-17-0	FCSLE	17-47 CL
PASSAGEWAY	01-25-2	FCSLE	25-31 1/2 P
PASSAGEWAY	1-8-0	MAIN	8-16 CL
PASSAGEWAY	1-16-0	MAIN	16-50 CL
PASSAGEWAY	1-50-0	MAIN	50-77 CL
PASSAGEWAY	2-8-0	LOWER	8-25 CL
PASSAGEWAY	2-25-0	LOWER	25-34 CL
PASSAGEWAY	2-34-0	LOWER	34-43 CL
PASSAGEWAY	2-43-0	LOWER	43-51 CL

COMPARTMENT DIRECTORY

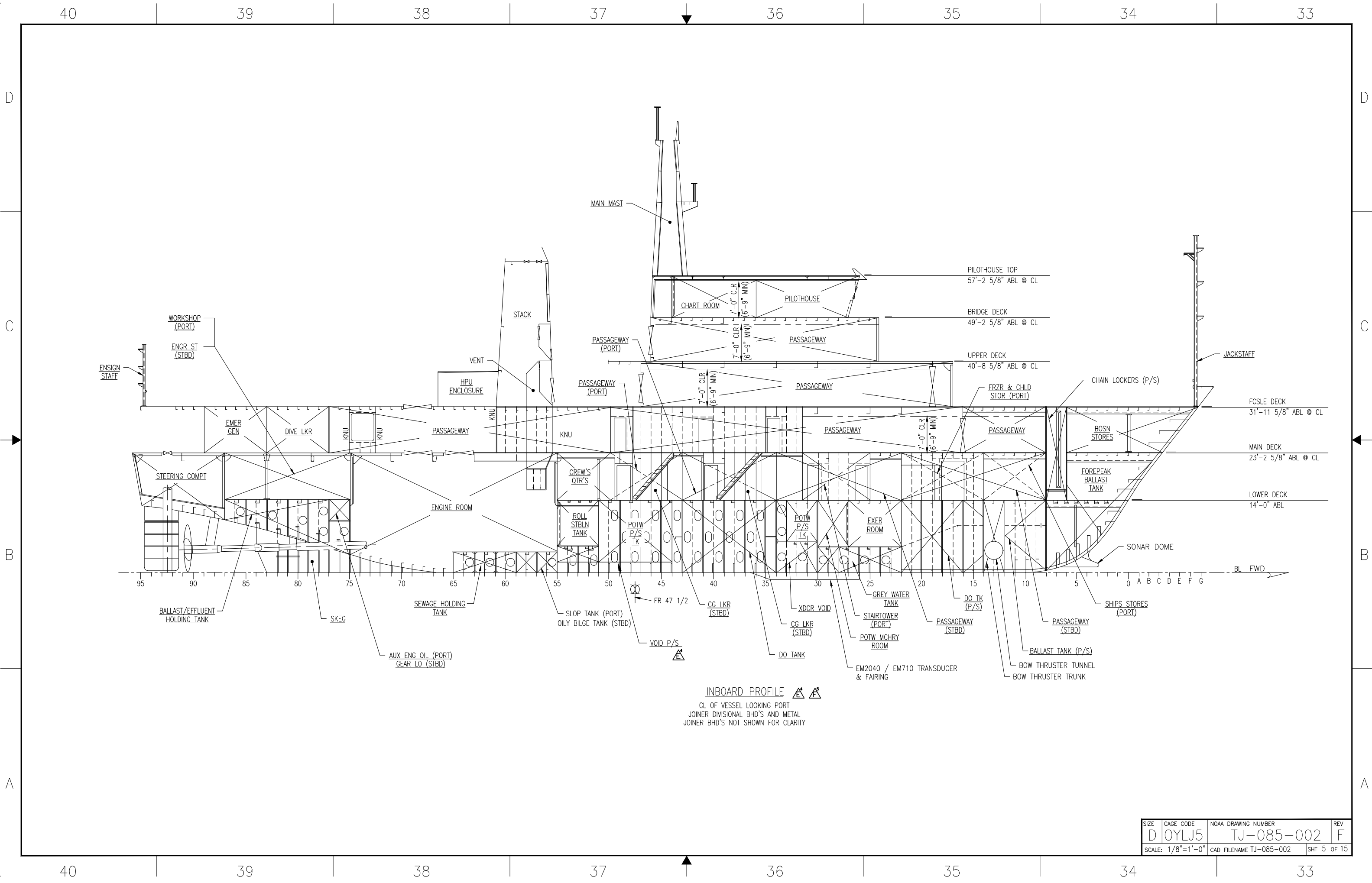
COMPARTMENT DESIGNATION	NO	DECK	FRAME
PILOT HOUSE	03-27-0	BRIDGE	27-36 CL
PUBLIC TOILET	03-33-1	BRIDGE	33-36 S
PLOT RM	1-32-4	MAIN	32-50 P
POTABLE WATER TANK	2-87-1	LOWER	87-95 S
POTABLE WATER TANK	2-87-2	LOWER	87-95 P
POTABLE WATER TANK	3-30-1	FLAT	30-33 S
POTABLE WATER TANK	3-30-2	FLAT	30-33 P
POTABLE WATER TANK	3-44-1	FLAT	44-54 S
POTABLE WATER TANK	3-44-2	FLAT	44-54 P
POTABLE WATER MACHINERY ROOM	3-27-0	FLAT	27-30 CL
PUBLIC TOILET	1-48-2	MAIN	48-50 P
RADIO ROOM	03-33-2	BRIDGE	33-39 P
ROLL STABILIZATION TANK	3-51-0	FLAT	51-55 CL
SCIENTIFIC STORAGE	2-22-3	LOWER	22-25 S
SCIENTIFIC STORAGE	2-22-2	LOWER	22-34 P
SEWAGE HOLDING TANK	4-43-0	HOLD	43-55 CL
SEWAGE HOLDING TANK	4-55-0	HOLD	55-57 CL
SEWAGE HOLDING TANK	4-57-0	HOLD	57-65 CL
SHIP STORAGE	2-8-2	LOWER	8-14 P
SHIPS STORE	1-8-3	MAIN	11-14 P
SLUDGE TANK	4-57-2	HOLD	57-59 P
SONAR DOME	4-2-0	HOLD	2-3 CL
SSFC/UPS SPACE	1-32-2	MAIN	31 1/2-35 P
STAIR PASSAGE	02-33-1	UPPER	33-37 S
STAIR PASSAGE	2-37-1	LOWER	35 1/2-41 S
STAIR PASSAGE	2-44-1	LOWER	46-49 1/2 S
STAIRTOWER	3-25-2	FLAT	25-31 1/2 P
STATEROOM (1 MAN)	01-39-1	FCSLE	39-43 S
STATEROOM (1 MAN)	01-39-2	FCSLE	39-43 P
STATEROOM (1 MAN)	01-43-4	FCSLE	43-46 P
STATEROOM (2 MAN)	02-40-2	UPPER	40-46 P
STATEROOM (2 MAN)	01-34-1	FCSLE	34-39 S
STATEROOM (2 MAN)	01-34-4	FCSLE	34-37 1/2 P
STATEROOM (2 MAN)	2-25-1	LOWER	25-30 S
STATEROOM (2 MAN)	2-30-1	LOWER	30-34 S
STATEROOM (2 MAN)	2-34-1	LOWER	34-39 S
STATEROOM (2 MAN)	2-34-2	LOWER	34-39 P
STATEROOM (2 MAN)	2-39-1	LOWER	39-43 S
STATEROOM (2 MAN)	2-39-2	LOWER	39-43 P
STATEROOM (2 MAN)	2-43-1	LOWER	43-47 S
STATEROOM (2 MAN)	2-43-2	LOWER	43-47 P
STATEROOM (2 MAN)	2-47-1	LOWER	47-51 S
STATEROOM (2 MAN)	2-47-2	LOWER	47-51 P
STATEROOM (2 MAN)	2-51-1	LOWER	51-55 S
STATEROOM (2 MAN)	2-51-2	LOWER	51-55 P
STEERING GEAR ROOM	4-87-0	HOLD	87-95 CL
TRANSDUCER, VOID	4-30-0	HOLD	30-34 CL
T/SH	02-37-1	UPPER	37-40 S
T/SH	02-37-2	UPPER	37-40 P
T/SH	02-37-4	UPPER	37-40 P
T/SH	01-26-2	FCSLE	26-29 P
T/SH	01-28-1	FCSLE	27-30 S
T/SH	01-32-1	FCSLE	31 1/2-34 P
T/SH	01-34-2	FCSLE	34-36 1/2 P
T/SH	01-36-1	FCSLE	36-39 S
T/SH	01-38-2	FCSLE	38-41 P
T/SH	01-41-1	FCSLE	40-43 S
T/SH	01-43-2	FCSLE	42-45 P
T/SH	2-29-1	LOWER	28-31 S
T/SH	2-37-2	LOWER	37-40 P
T/SH	2-37-3	LOWER	37-40 S
T/SH	2-46-2	LOWER	46-49 P
T/SH	2-46-3	LOWER	46-49 S
T/SH	2-52-0	LOWER	52-55 CL
T/SH (HOSPITAL)	1-47-1	MAIN	47-50 S
UPTAKE	1-58-0	MAIN	58-61 CL
VENT	1-56-0	MAIN	55 1/2-58 CL
VENT	1-73-2	MAIN	72 1/2-75 P
VOID	2-87-4	LOWER	87-88 1/2 P
VOID	4-43-1	HOLD	43-55 S
VOID	4-43-2	HOLD	43-55 P
VOID	4-87-1	HOLD	87-95 S
VOID	4-87-2	HOLD	87-95 P
WORKSHOP	2-75-0	LOWER	75-87 CL
XO'S OFFICE	02-24-2	UPPER	24-31 1/2 S
XO'S SR	02-31-2	UPPER	31 1/2-37 P

REVISIONS (CONTD)

REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD
F	2	14-D	1	REVISED THE WEIGHT OF NEW HSL DAVIT	XX/17	XXX
	2	10-C	2	REVISED HORSE POWER RATING OF THE HSL HYDRAULIC POWER PACK.		
	3	24-B	3	ADDED THE NEW HPU ENCLOSURE TO THE COMPARTMENT DIRECTORY.		
	4	28-A	4	REVISED THE OUTBOARD PROFILE TO INCLUDE THE NEW HSL DAVIT AND HPU ENCLOSURE.		
	5	36-A	5	REVISED THE INBOARD PROFILE TO INCLUDE THE NEW HPU ENCLOSURE.		
	7	49-A	6	REVISED THE FORCASTLE DECK PLAN TO INCLUDE THE NEW HPU ENCLOSURE AND STACK DOOR.		
	8	57-B	7	REVISED THE MAIN DECK PLAN TO INCLUDE THE NEW HSL DAVIT.		



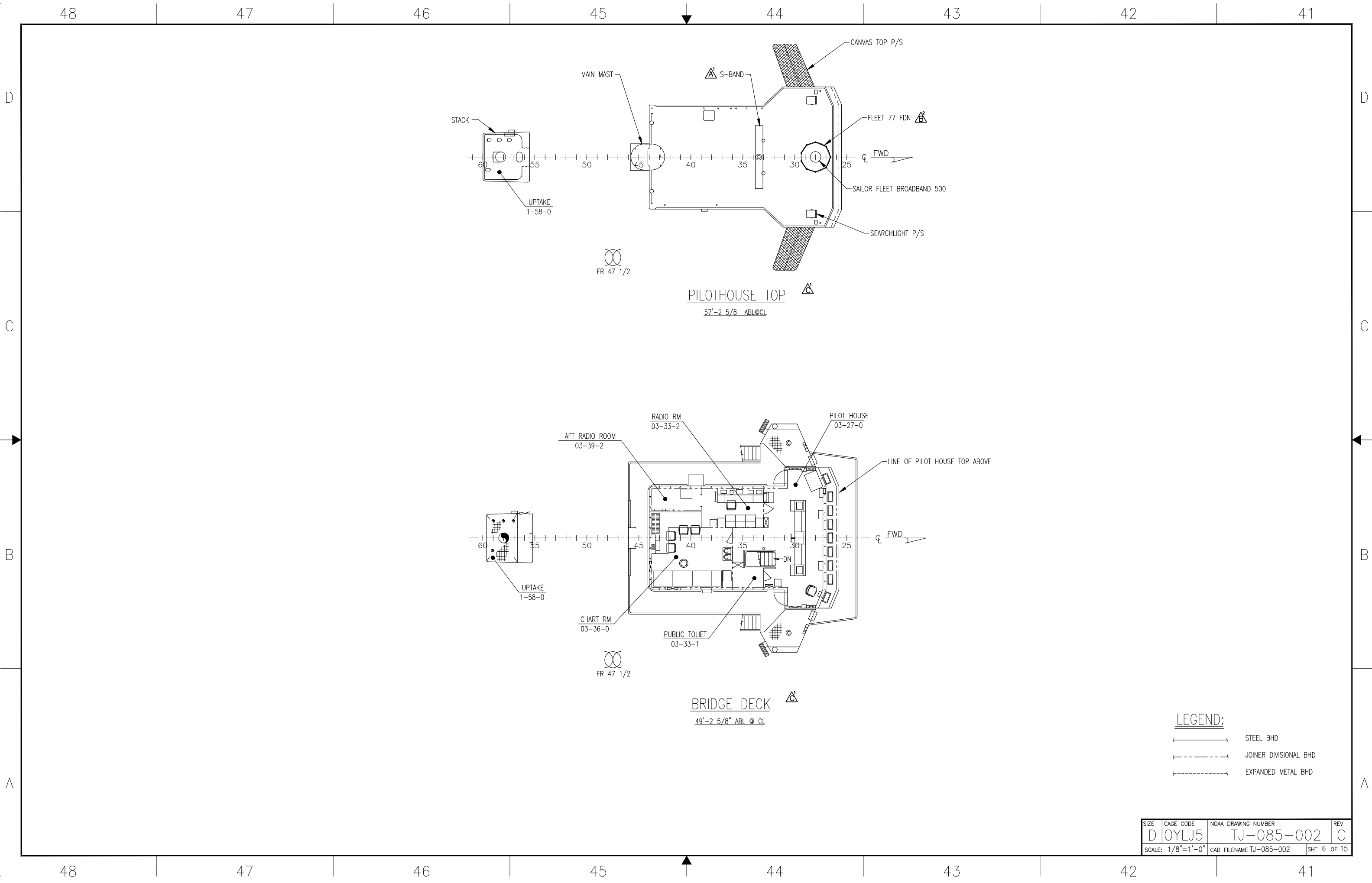
SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 4 OF 15



INBOARD PROFILE

CL OF VESSEL LOOKING PORT
JOINER DIVISIONAL BHD'S AND METAL
JOINER BHD'S NOT SHOWN FOR CLARITY

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 5 OF 15



D

D

C

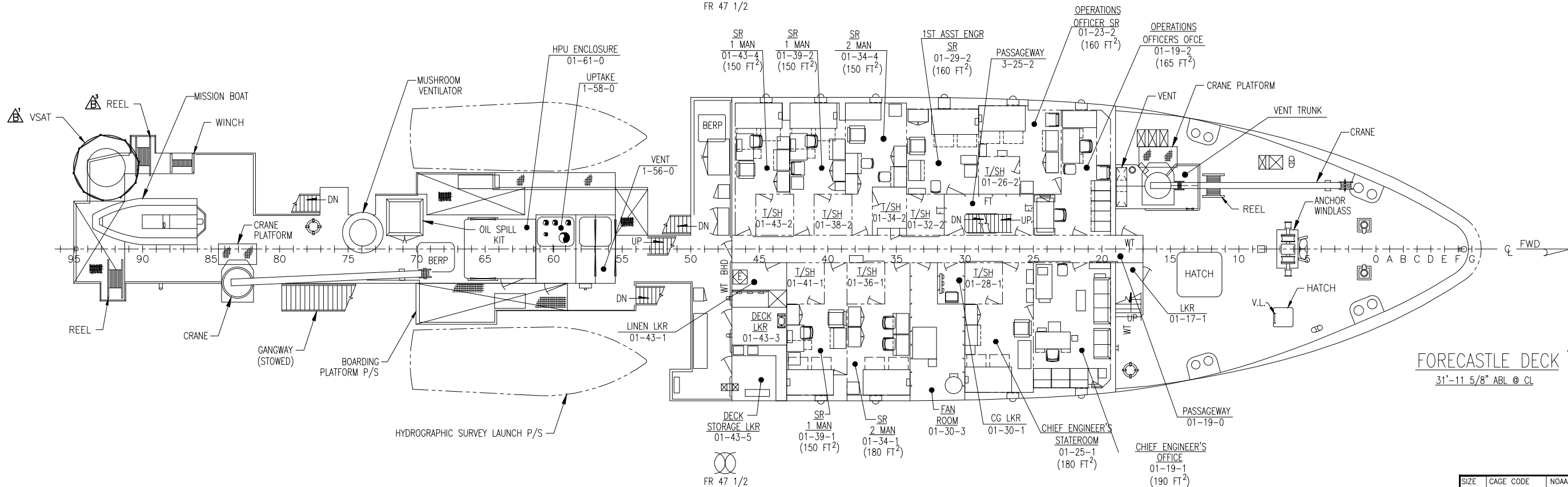
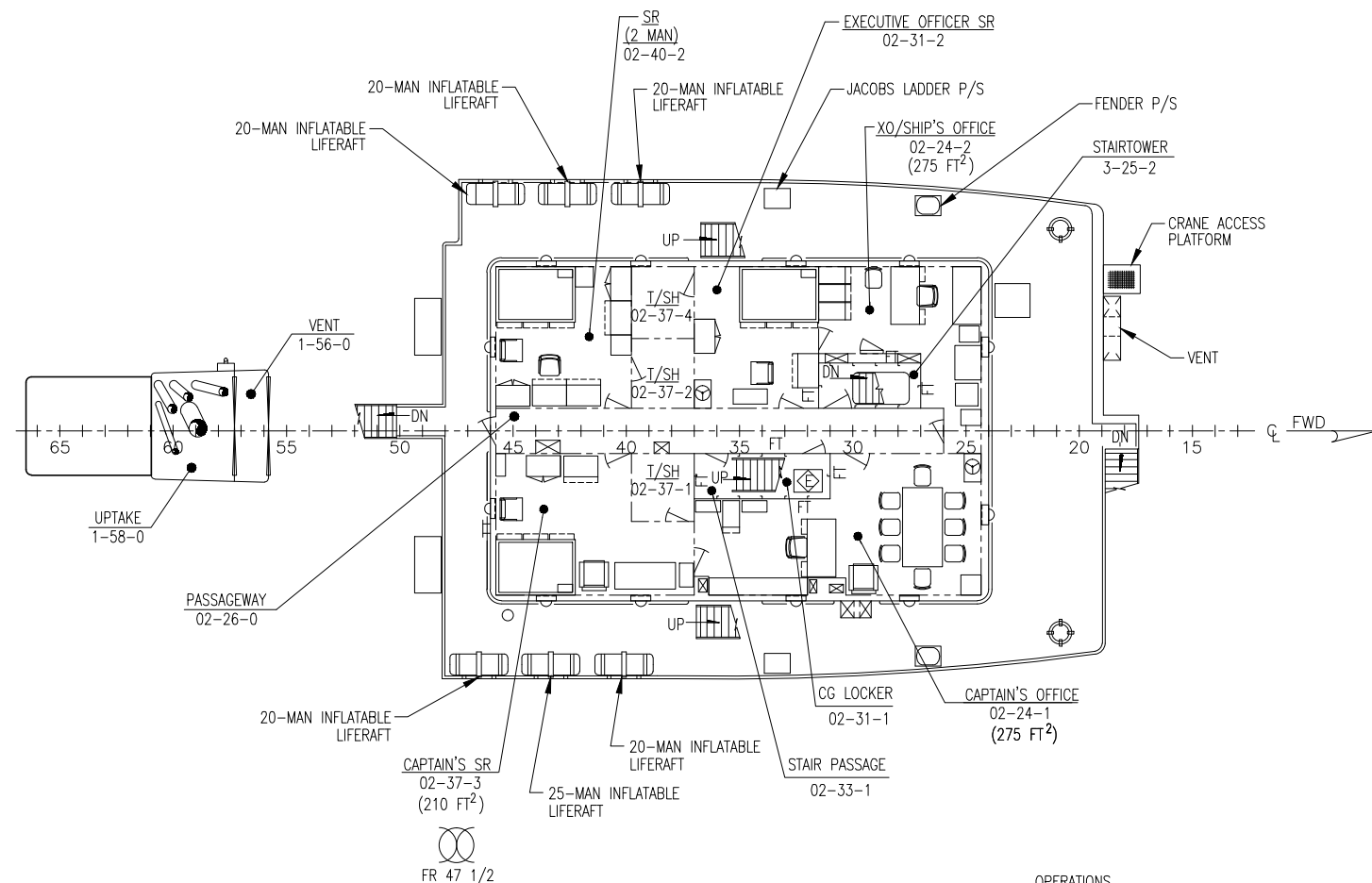
C

B

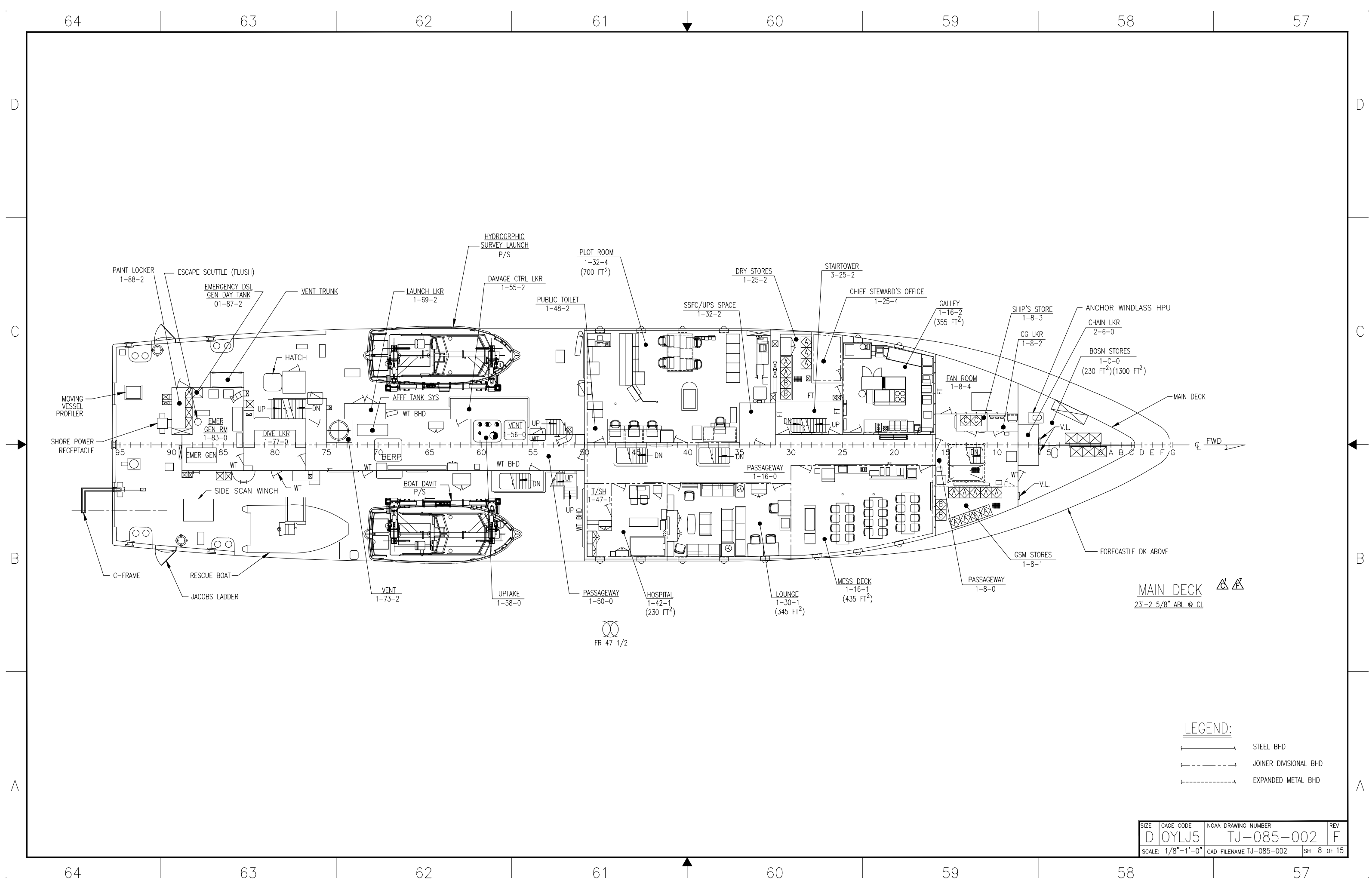
B

A

A



SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	F
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 7 OF 15



72 71 70 69 68 67 66 65

D

D

C

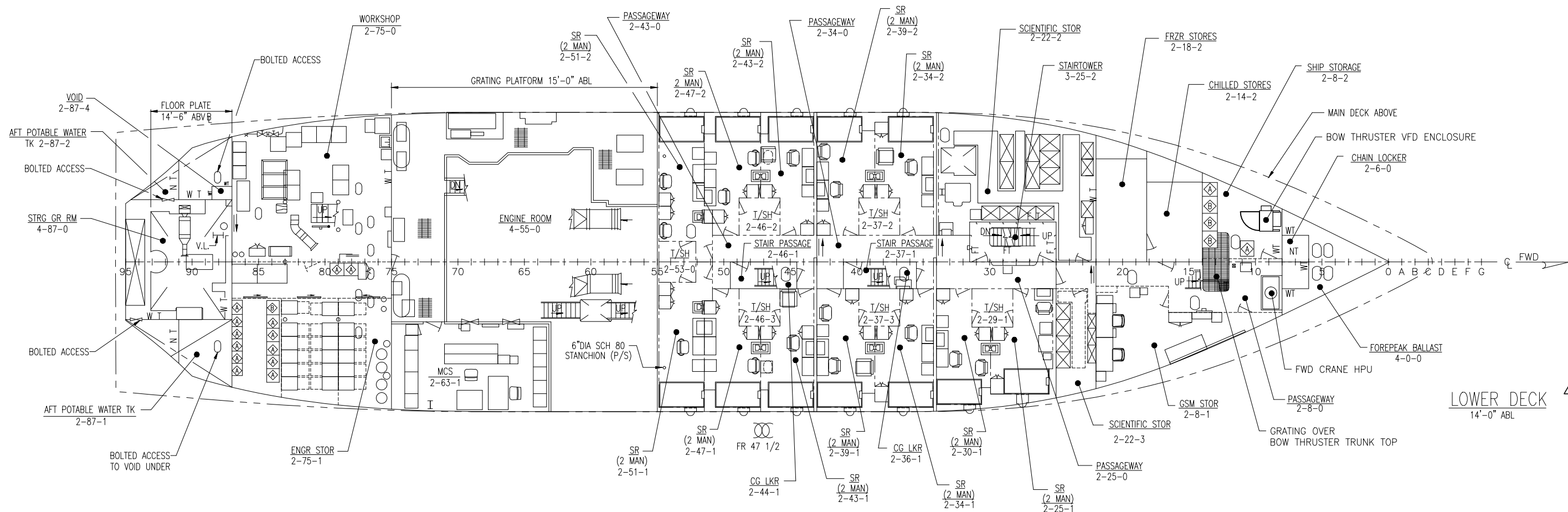
C

B

B

A

A



LEGEND:

- STEEL BHD
- JOINER DIVISIONAL BHD
- EXPANDED METAL BHD

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	C
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 9 OF 15

72 71 70 69 68 67 66 65

80

79

78

77

76

75

74

73

D

D

C

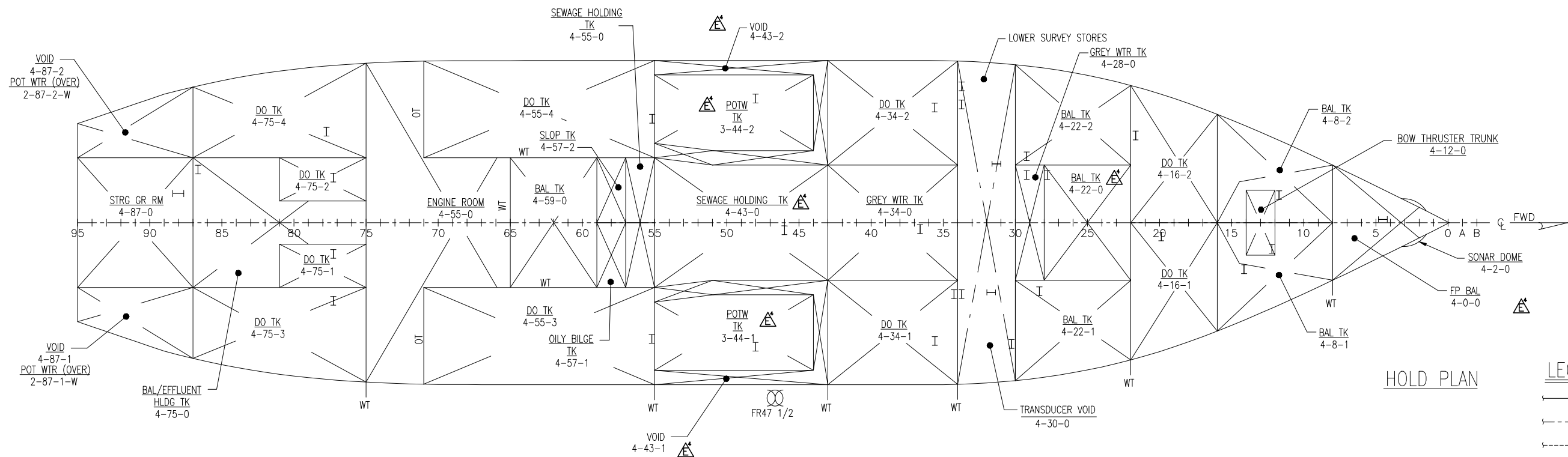
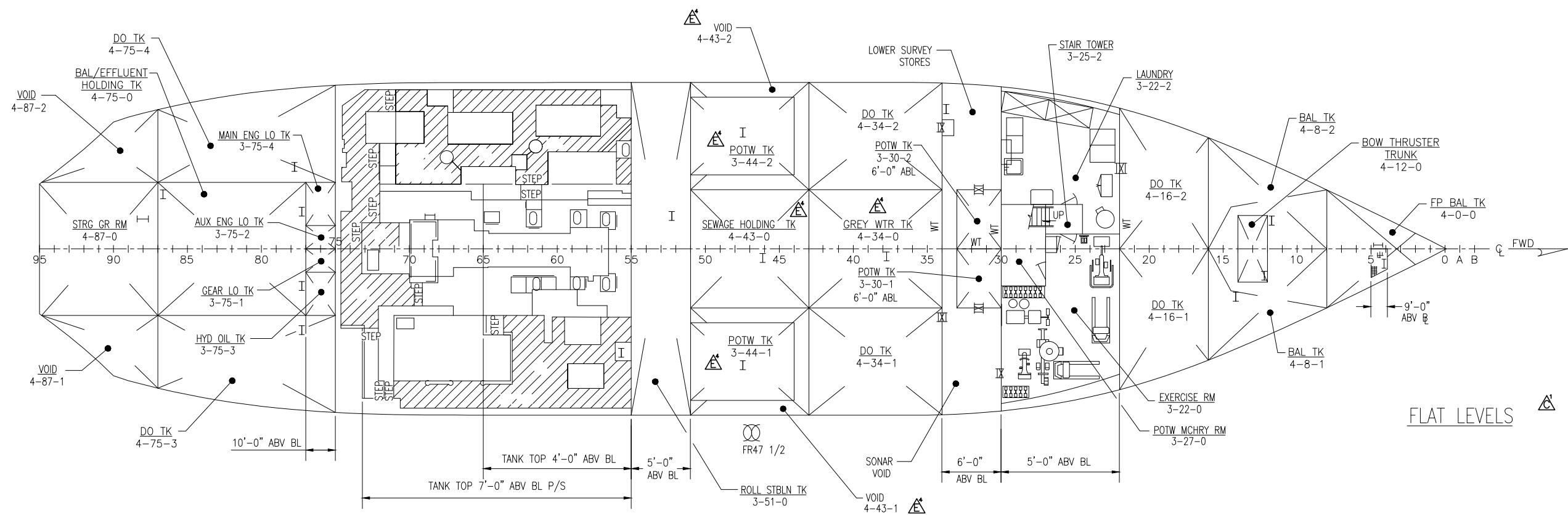
C

B

B

A

A



LEGEND:

- STEEL BHD
- JOINER DIVISIONAL BHD
- EXPANDED METAL BHD

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	E
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 10 OF 15

80

79

78

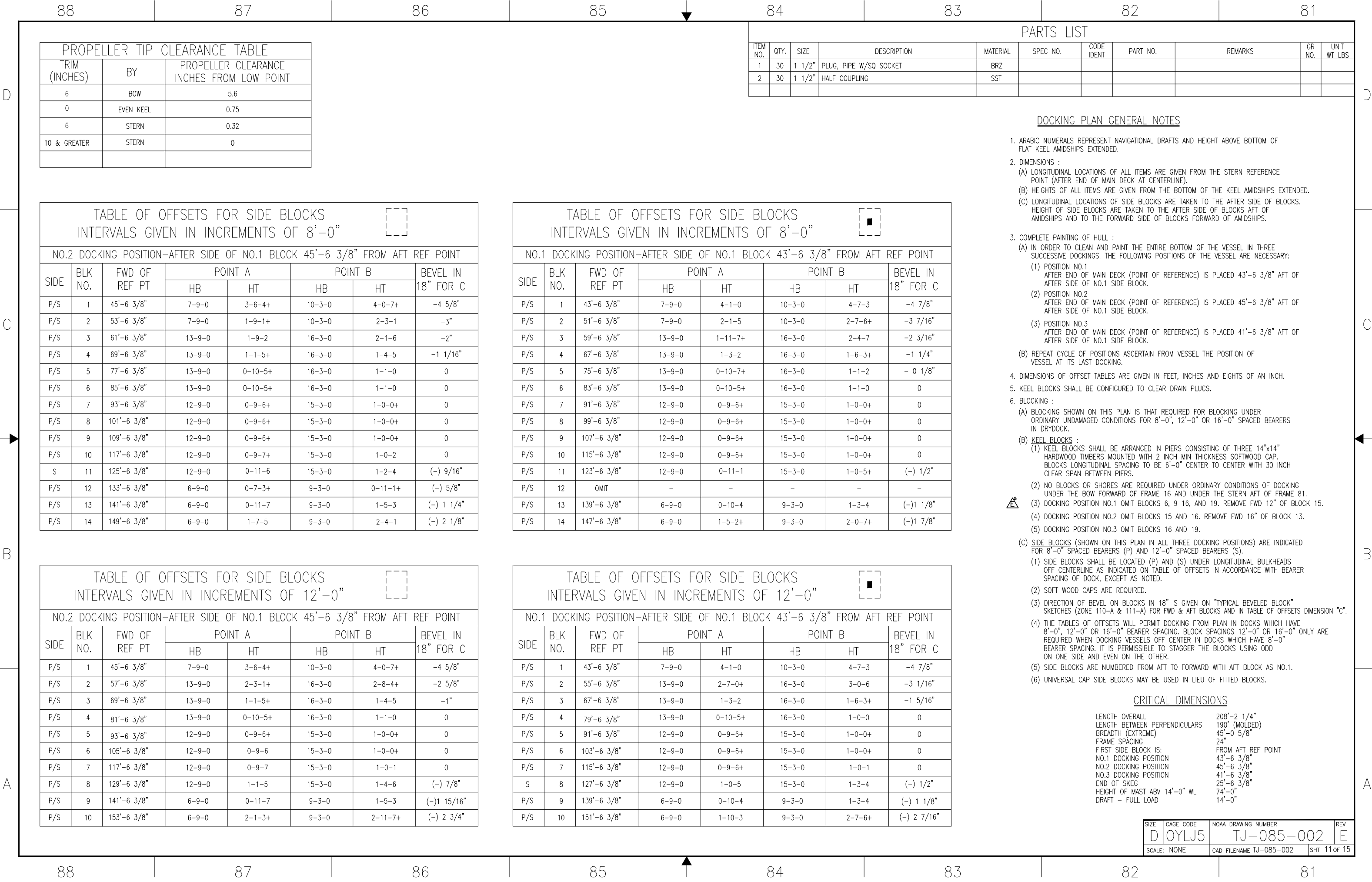
77

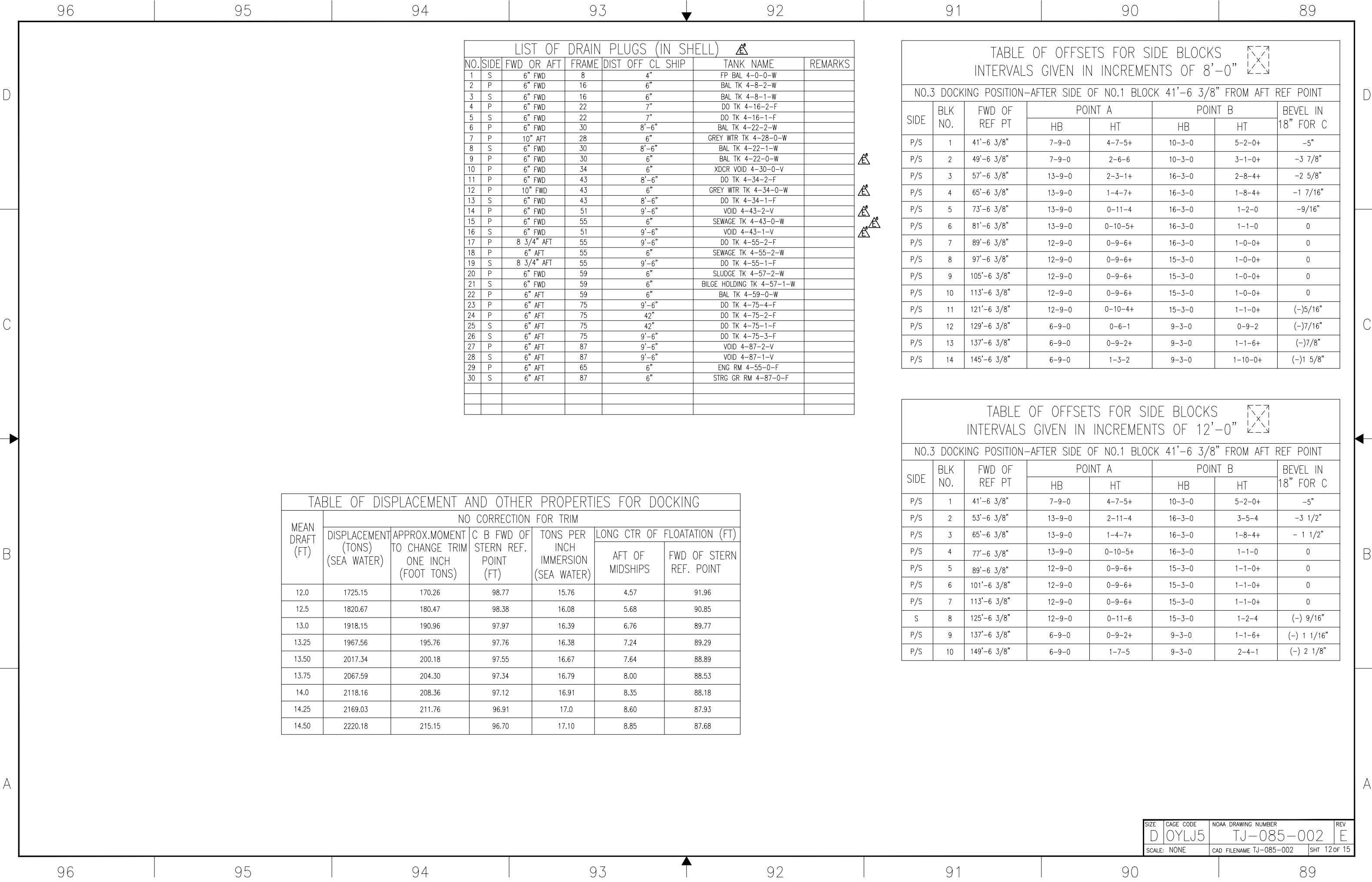
76

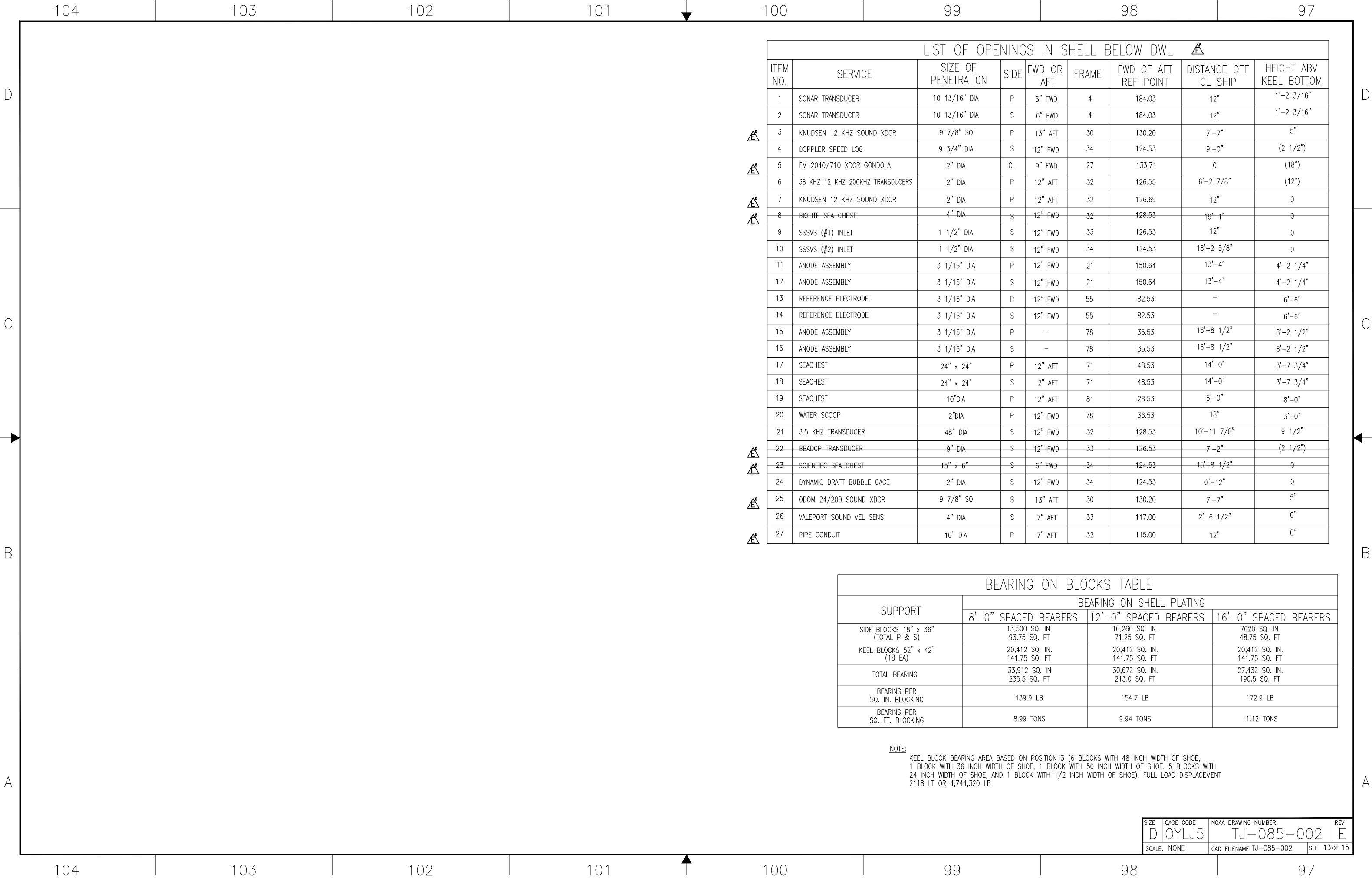
75

74

73







112

111

110

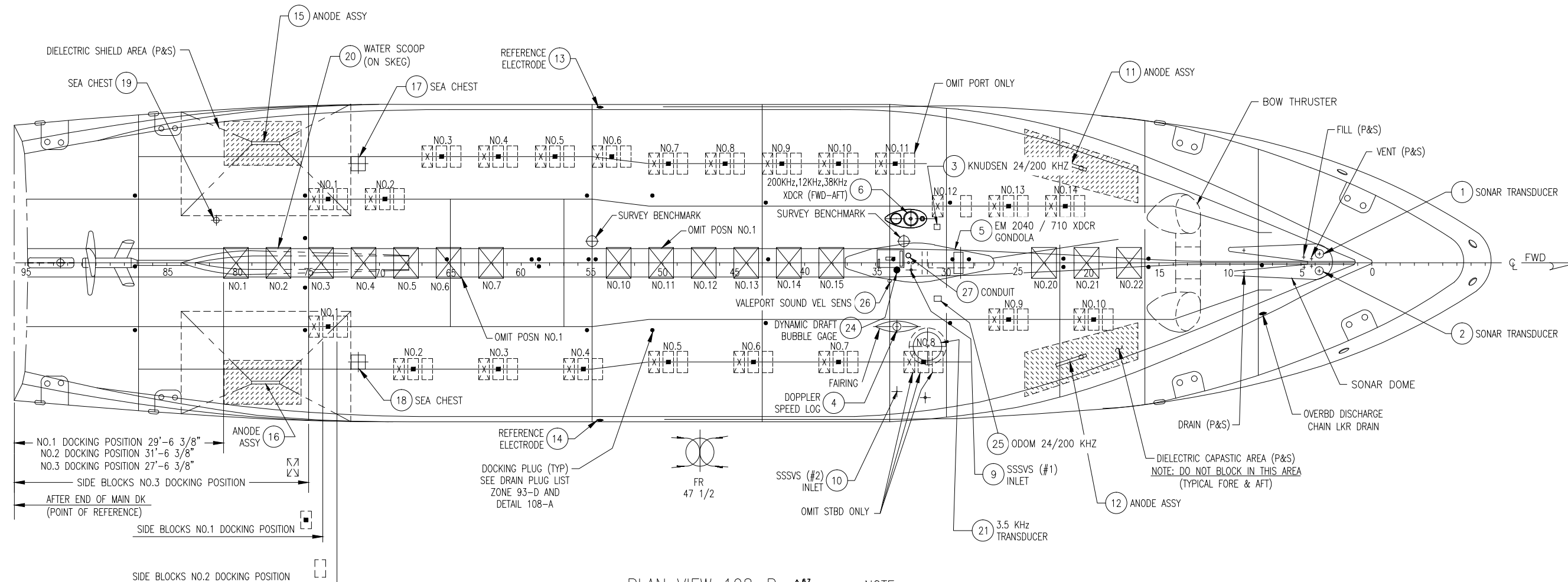
109

108

107

106

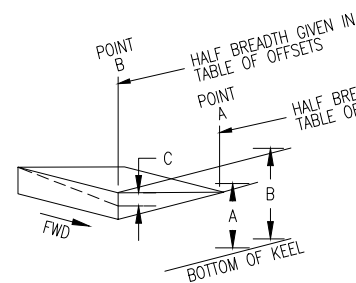
105



PLAN VIEW 108-B

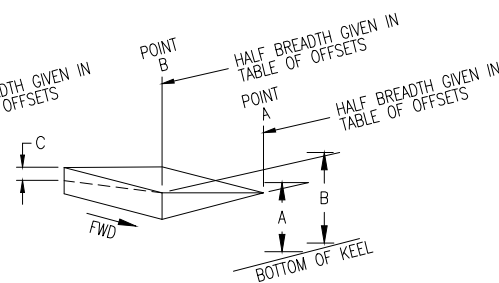
INTERVALS OF SIDE BLOCKING SHOWS 8'-0" ON PORT SIDE, 12'-0" ON STBD SIDE
KEEL BLOCKS IN POSITIONS NO. 2 & 3 NOT SHOWN FOR CLARITY
SEE G.N. #6
SCALE: 1/8"=1'-0"

NOTE: ITEM NUMBERS REFER TO
LIST OF OPENINGS IN SHELL
BELOW DWL TABLE, ZONE 98-D.



TYPICAL BEVELED BLOCK

AFT BLOCK
SCALE: NONE

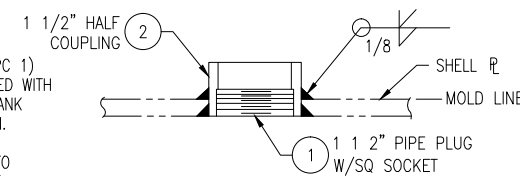


TYPICAL BEVELED BLOCK

FWD BLOCK
SCALE: NONE

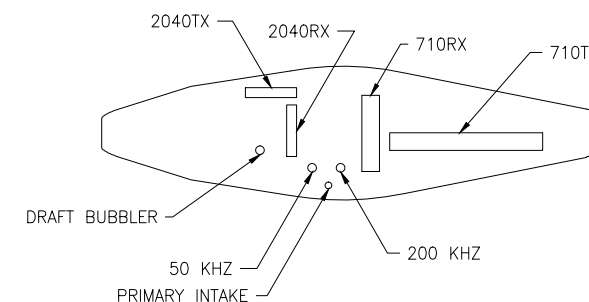
NOTE: EACH DOCKING PLUG (PC 1)
IS TO BE PUNCH MARKED WITH
THE NUMBER OF THE TANK
THAT IT IS INSTALLED IN.

ITEM NUMBERS REFER TO
PARTS LIST, ZONE 82-D.



DETAIL 108-A

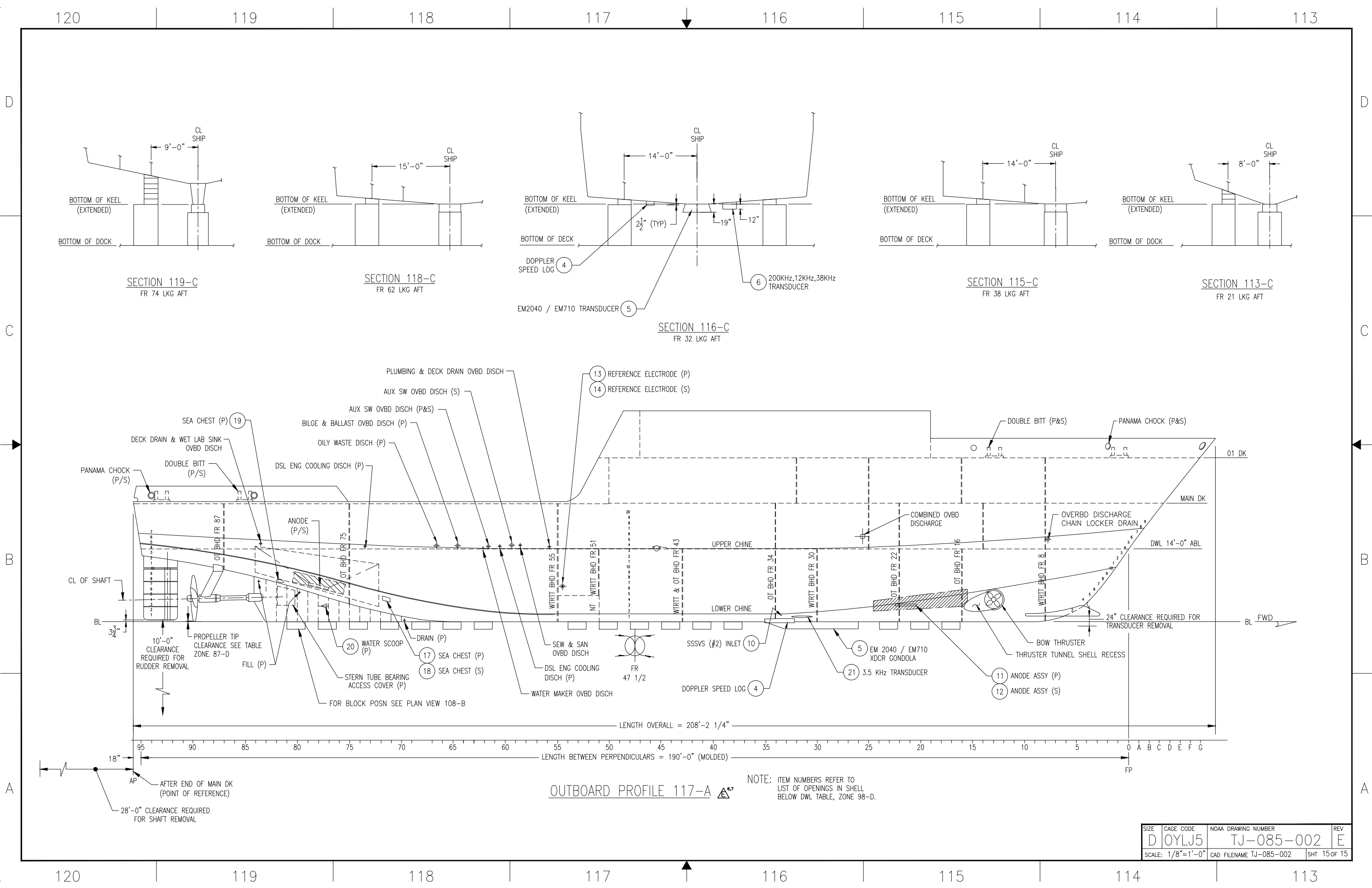
DOCKING PLUG
SCALE: NONE



DETAIL 106-A

GONDOLA EQUIP LAYOUT
SCALE: NONE

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	E
SCALE: AS SHOWN		CAD FILENAME TJ-085-002	SHT 14 OF 15



SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	OYLJ5	TJ-085-002	E
SCALE: 1/8"=1'-0"		CAD FILENAME TJ-085-002	SHT 15 OF 15